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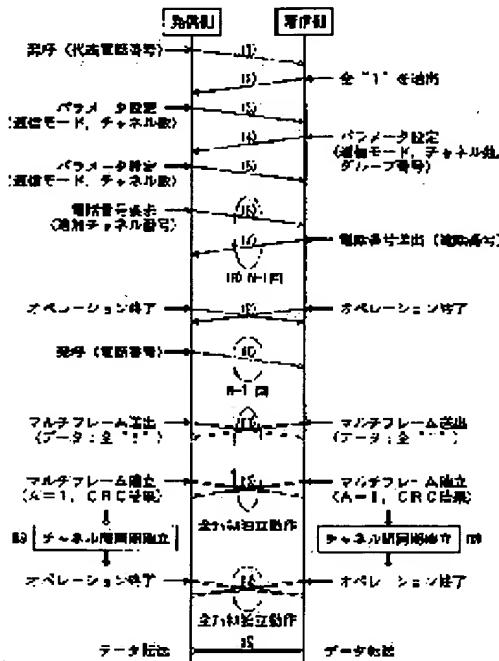
(71)Applicant : NIPPON TELEGR & TELEPH CORP <NTT>
 (72)Inventor : MATSUMOTO HIROYUKI

(54) HIGH SPEED COMMUNICATION METHOD/DEVICE

(57)Abstract:

PURPOSE: To cope with plural groups without being affected by the number of lines at the time of dividing high speed data into plural lines and transmitting them, to provide the connection function of a call, to realize a series of processings such as the disconnection of the call and the increase/decrease of the lines in the middle of communication and to make correspondence with small-scaled hardware.

CONSTITUTION: A call-side calls one line on a terminating-side, and a parameter required for high speed communication is transferred by using the line. The call-side sequentially calls the remaining lines on the terminating-side. A transmission-side transmits multiframe from the respective lines at the same time, and a reception-side establishes the synchronization of the multiframe and that of the respective lines. The transmission-side divides transmission data for all the lines. The constitution of the multiframe is held even after the synchronization of the respective lines is established, and transmission data is divided in a part except for the control code of the multiframe of the respective lines. The reception-side maintains the synchronization establishment state of the respective lines and multiplexes reception data of the respective lines in order.



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